SYSTA Award Report – IAHS-STAHY 2026

I am sincerely grateful to the IAHS SYSTA program for supporting my participation in the IAHS–STAHY 2026 conference held in Victoria Falls, Zimbabwe, from 13–17 July 2026.

Attending this conference had a significant impact on my research and professional development. My work focuses on isotope hydrology and groundwater flow systems in Himalayan catchments, and the meeting provided valuable exposure to advanced statistical approaches in hydrology and their application to complex environmental systems.

A key outcome for me was a deeper understanding of how data-driven and statistical methods can be effectively combined with process-based hydrological knowledge. The discussions reinforced the importance of strong conceptual models when interpreting hydrological data, which is directly relevant to my ongoing research on groundwater flowpaths and surface water–groundwater interactions.

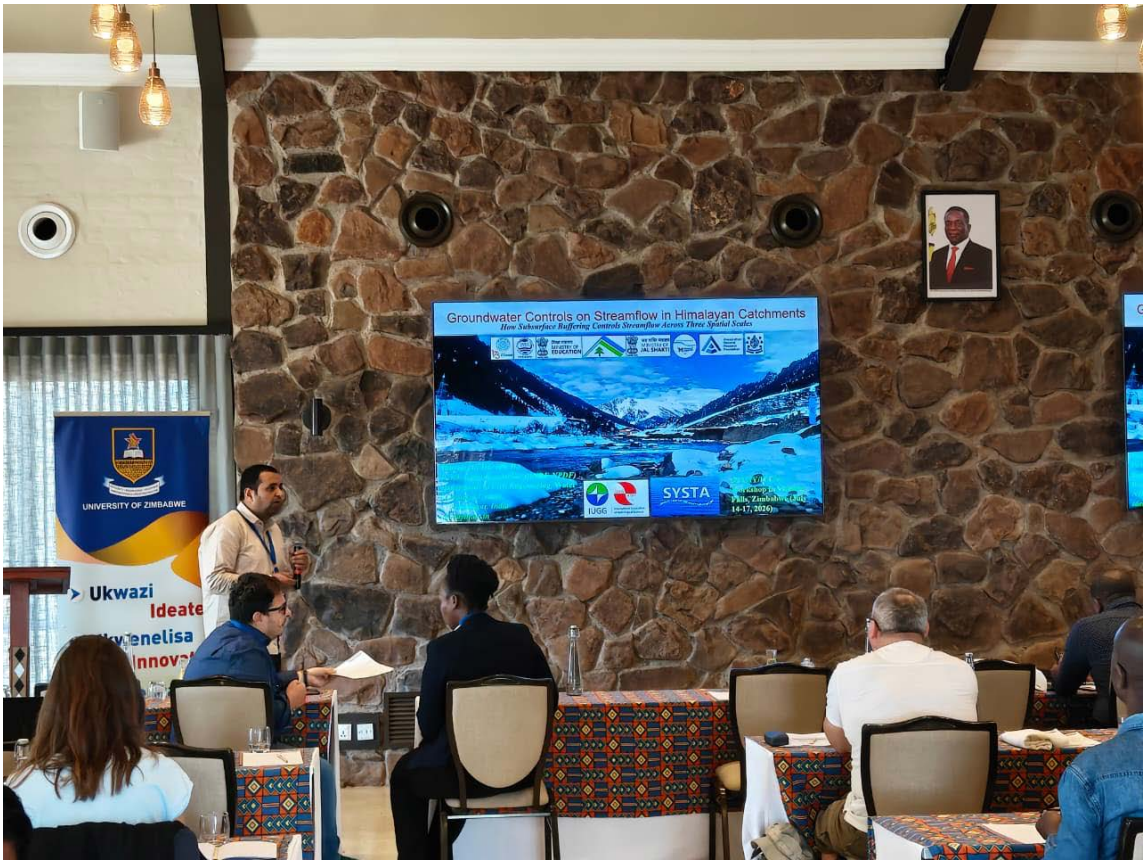
Presenting my work and interacting with international researchers helped refine my research ideas and improved my ability to communicate scientific results in an international setting. The feedback and discussions have given me new perspectives on how to strengthen my current work and expand it toward broader applications.

In addition, engaging with early career researchers and senior scientists provided valuable insights into current challenges in hydrology, particularly in the context of climate variability and uncertainty in water systems.

Overall, this experience has strengthened my research direction, enhanced my technical understanding, and increased my confidence in presenting and discussing my work internationally. The knowledge and connections gained will contribute significantly to my ongoing and future research.

Dr. Tanveer Ali Dar


A 2026 SYSTA AWARD


Groundwater Controls on Streamflow in Himalayan Catchments
How Subsurface Buffering Controls Streamflow Across Three Spatial Scales
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Welcome
to the
15th International
Workshop
On Statistical Hydrology and Groundwater
14-17 July 2026
Vic Falls, Zimbabwe
ZINWA